

Sylvin Technologies 50423 PVC Wire/Cable Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Information provided by Sylvin Technologies Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sylvin-Technologies-50423-PVC-WireCable-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	10 seconds
Tensile Strength, Ultimate	17.2 MPa	2500 psi	
Elongation at Break	420 %	420 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 - 105 Â°C	194 - 221 Â°F	
Minimum Service Temperature, Air	-35.0 Â°C	-31.0 Â°F	Low Temperature Flexibility
Brittleness Temperature	-32.0 Â°C	-25.6 Â°F	
Flammability, UL94	V-1	V-1	VW-1
Oxygen Index	23.7 %	23.7 %	

Processing Properties	Metric	English	Comments
Processing Temperature	166 - 177 Â°C	330 - 350 Â°F	Recommended Stock Temperature

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